


Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office				Atty. Docket No. P23691		Serial No. 10/646,736					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)						Applicant Hiroshi NOMURA							
						Filing Date August 25, 2003		Group 2872					
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL	YEAR	MONTH	DOCUMENT NUMBER					DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>W</i>	2004	/0	0	4	2	0	9	5	03/04/04	NOMURA			
<i>W</i>	2004	/0	0	4	2	0	9	3	03/04/04	NOMURA			
<i>W</i>	2004	/0	0	6	2	5	3	6	04/01/04	NOMURA			
<i>W</i>	2004	/0	0	5	1	9	6	8	03/18/04	NOMURA			
<i>W</i>	2004	/0	0	5	1	9	7	0	03/18/04	NOMURA			
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<i>W</i>		4	6	4	3	5	5	5	02/17/87	WAKABAYASHI			
<i>W</i>		4	7	2	1	9	7	2	01/26/88	WAKABAYASHI			
<i>W</i>		4	7	9	2	8	2	2	12/20/88	AKIYAMA et al.			
<i>W</i>		5	8	1	8	6	4	7	10/06/98	NISHIO et al.			
<i>W</i>		6	0	3	1	9	9	8	02/29/00	SHONO			
<i>W</i>		4	4	5	1	1	2	9	05/29/84	IKARI et al.			
EXAMINER <i>W</i>										DATE CONSIDERED <i>9/20/04</i>			

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P23691Serial No.
10/646,736INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)Applicant
Hiroshi NOMURAFiling Date
August 25, 2003Group
2872

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4	6	4	3	5	5	4	02/17/87	OGAWA			
		4	7	7	1	3	0	3	09/13/88	MATSUMOTO et al.			
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		5	7	6	5	0	4	9	06/09/98	HASE et al.			
		5	8	3	2	3	2	6	11/03/98	TANAKA			
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EXAMINER

DATE CONSIDERED

9/20/04

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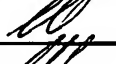
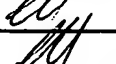
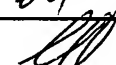
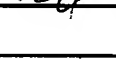
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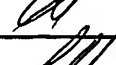
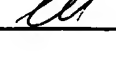
U.S. PATENT DOCUMENTS															
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		5	0	8	6	3	1	2	02/04/92	TANAKA et al.					
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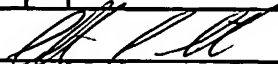
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FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
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	58	-	1	6	2	9	1	4	09/27/83	JAPAN				
	0		6	3	4	6	8	0	01/18/95	E.P.O.				
	10	-	3	2	7	4	0	02/03/98	JAPAN				X	
	7	-	2	8	8	7	2	4	10/31/95	JAPAN				X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	1	English Language Abstract of JP 58-10708.
	2	English Language Abstract of JP 2003-207709.
	3	English Language Abstract of JP 2002-277719.
	4	English Language Abstract of JP 10-282394.
	5	English Language Abstract of JP 58-162914.

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